REMARKS

This paper is herewith filed in response to the Examiner's final Office Action mailed on December 3, 2008 for the above-captioned U.S. Patent Application. This office action is a final rejection of claims 45-49, and 55-57 of the application.

More specifically, the Examiner has rejected claims 55-57 under 35 USC 102(e) as anticipated by Liu (US20040176065); rejected claim 46 under 35 USC 103(a) as being unpatentable over Liu in view of Shteyn (US20030040344); and rejected claims 47-49 under 35 USC 103(a) as being unpatentable over Liu in view of Cadieux (US20060030307). The Applicants respectfully disagree with the rejections.

Claims 45-49 and 55-57 have been amended for clarification. Claims 66-74 have been added. Support for the amendments can be found at least in paragraphs [0066], [0078], [0080], and [0082] of the published application. No new matter is added.

Regarding the rejection of claim 55, the Applicants note that claim 55 has been amended to recite:

> An apparatus comprising: an interface configured to communicate in a first radio network, where the first radio network comprises a short range radio network; the interface configured to communicate, to another apparatus, a representation of a graphical user interface configured to enable interaction between the another apparatus and said apparatus over said first radio network; and a control unit configured to control a power save mode of the first radio network in accordance with at least an activity state of the graphical user interface.

The Applicants submit that claim 55 is clearly distinguishable from the references cited.

The Applicants submit that an aspect of the claimed invention relates to at least a method and apparatus where a representation of a graphical user interface (e.g. a remote user interface) is communicated over a radio network, such as a short range radio network, from a core device to a

peripheral device where it is displayed for the user on the peripheral device. This communicated representation of the graphical user interface is implemented in the peripheral device such that when a user of the peripheral device uses the displayed graphical user interface an interaction occurs between the peripheral device and the core device. Further, it is noted that in an embodiment of the invention the representation of the graphical user interface comprises a bitmap and the representation is re-communicated to the peripheral device as changes are made to the bitmap. In accordance with the embodiments of the invention a power save mode of the radio network can be controlled based on at least an activity state between the peripheral device and the core device as made by the use of the communicated graphical user interface (see par. [0078]).

In the Advisory Action mailed on March 5, 2009 the Examiner states:

> "Liu shows in fig. 1 that a wireless accessory 102 comprising a user interface 120, the wireless accessory 102 communicates with the radio telephone 104. The accessory 102 is configured to provide local communication interconnectivity to a device 104, such as a radiotelephone handset. This connection can be in any standard local communication system, such as IEEE 802.11 or personal communication system, such as Bluetooth.TM. (see par. 0017)."

The Applicants submit that there can not be found anything in Liu which can be seen to disclose or suggest at least where claim 55 recites an "**interface configured to communicate, to another apparatus, a representation of a graphical user interface configured to enable interaction between the another apparatus and said apparatus over said first radio network.**"

Liu discloses that the wireless accessory 102 is configured to provide local communication activity to a device such as a handset (par. [0017]). Further, the Applicants note that Liu appears to disclose that the wireless accessory device 102 includes a display (par. [0018]). However, there can not be found anything in Liu which can be seen to relate to a representation of a graphical user interface being communicated by the device to the wireless accessory 102, no less a representation of a graphical user interface configured to enable interaction between the wireless accessory 102 and a device such as a handset.

Further, the Applicants note that Liu appears to disclose that a processor 116 of the device can load stored programs, as needed, to the wireless accessory 102, and also can download information from the accessory device 102 for more complex processing in the device. Liu discloses that the results if this complex processing may then be sent back to the wireless accessory device 102 (par. [0020]). The Applicants submit that this operation of loading stored programs and downloading information from the wireless accessory device 102 for further processing clearly can not be seen to relate to a device communicating a representation of a graphical user interface to the wireless accessory device 102.

In addition, the Applicants note that in the Advisory Action the Examiner states:

> "Liu also discloses in par. 0021 that the user interface 120 includes a user-actuated mechanism coupled to the processor, wherein upon actuation, the mechanism can direct the processor to enter either of the low power operational mode and full power operational mode, wherein the processor disconnects and connects, respectively, the connectivity interface 113 and can power down the transceiver 112," and
>
> "Preferably, the processor can communicate the low power operational mode of the accessory/headset device to the phone/handset device over the personal area network. In this way, the phone/handset device can also power down its components associated with sustaining the personal area network as desired," and
>
> "More preferably, the disconnection of the personal area network link precipitates a low-power standby mode for the accessory/headset device as optionally the phone/handset device," and
>
> "**It is apparent that Liu teaches the interface comprising a graphical user interface comprising a bit map which is configured to be sent to a second apparatus as Liu mentions that the processor can communicate the low power operational mode of the accessory/headset device to the phone/handset device over the personal area network**," (emphasis added).

The Applicants disagree with the Examiner. The Applicants submit that the Examiner has not provided adequate support for at least the comment, as stated above, that "It is apparent that Liu teaches the interface comprising a graphical user interface comprising a bit map which is configured to be sent to a second apparatus." The Applicants note that the operations of the

processor, as stated above, appear to be the result of a user-actuated mechanism. The Applicants submit that as illustrated in Fig. 2 of Liu it can be seen that the user-actuated mechanism is merely a mechanical button (i.e. button 20) on the wireless accessory device.

The Applicants contend that these processes which appear to be the result of **actuating the button 20** clearly can not be seen to disclose or suggest at least where claim 55 recites "**a control unit configured to control a power save mode of the first radio network in accordance with at least an activity state of the graphical user interface.**"

The Applicants note that Liu discloses that the processor can communicate the low power mode of the accessory device to a handset device and the processor can periodically reconnect the connectivity interface to monitor the network for page communications directed at the accessory device (par. [0021]). However, there can not be found anything in Liu to indicate that the processor can be seen to control a power save mode of a radio network in accordance with an activity state of a graphical user interface over a first radio network. The Applicants submit that neither the operation of the button 20 nor the operation of the processor in Liu, as argued by the Examiner, can be seen to disclose or suggest where claim 55 relates to a control unit configured to control a power save mode of the first radio network **in accordance with an activity state of the graphical user interface**.

The Applicants contend that, for at least the reasons stated, Liu can not be seen to disclose or suggest at least where claim 55 recites in part:

> "the interface configured to communicate, to another apparatus, **a representation of a graphical user interface configured to enable interaction between the another apparatus and said apparatus over said first radio network**; and a control unit configured **to control a power save mode of the first radio network in accordance with at least an activity state of the graphical user interface**"

The Applicants submit that for at least the reasons stated above the rejection of claim 55 is improper and the rejection should be removed.

Further, for at least the reasons that independent claims 67 and 73 recite features similar to claim 55, the references cited are not seen to disclose or suggest these claims.

In addition, the Applicants submit that neither Shteyn nor Cadieux can be seen to overcome the shortfalls of Liu, as stated above. Thus, even if the references were combined, which is not agreed to as proper, the combination would still fail to disclose the pending claims.

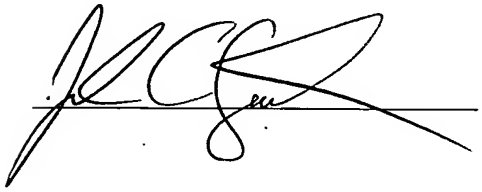
In addition, for at least the reason that claims 45-49, 56-57, and 66; claims 68-72; and claim 74 depend from independent claims 55, 67, and 73, respectively, the references cited are not seen to disclose or suggest these claims.

Further, the Applicants note that although not all the rejections are argued in this Response, the Applicants do not acquiesce to these rejections.

Based on the above explanations and arguments, it is clear that the references cited cannot be seen to disclose or suggest claims 44-49, 55-57, and 66-73. The Examiner is respectfully requested to reconsider and remove the rejections of claims 44-49 and 55-57 and to allow all of the pending claims 44-49, 55-57, and 66-73 as now presented for examination.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record. Should any unresolved issue remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

Respectfully submitted:



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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450.

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